Index of Claims

Allowed

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/773,472              | LICHT ET AL.                            |
| Examiner                | Art Unit                                |

Rejected – (Through num Cancelled

(Through numeral)
Cancelled

Restricted

I Interference

Lakshmi S. Channavajjala

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1615

| Claim Date |          |          |  |                 |          |                 | Cla                     | Date            |          |           |      |             |           |                   |         |        | Cl       | aim     | Date         |        |          |          |           |       |            |  | _            |                 |          |          |          |                 |   |               |
|------------|----------|----------|--|-----------------|----------|-----------------|-------------------------|-----------------|----------|-----------|------|-------------|-----------|-------------------|---------|--------|----------|---------|--------------|--------|----------|----------|-----------|-------|------------|--|--------------|-----------------|----------|----------|----------|-----------------|---|---------------|
| Final      |          | 1/2      | 6  |                 |          |                 |                         |                 |          |           |      | Final       | Original  | 2                 | 1       | 7      |          |         |              |        |          |          |           | Final | Original   | 27   | 1            |                 |          |          |          | T               |   |               |
| Ē          | Original | 5        |  |                 |          |                 |                         |                 |          |           |      | . iĒ        | Orig      |                   | 7       |        |          |         | Ì            |        |          |          |           | ίĒ    | ا بق ع     | 5  |              |                 |          |          |          |                 |   |               |
|            | 1        | >        |  |                 |          |                 |                         |                 | 丁        |           |      |             | 51        | Ī                 | Z       | I      |          | I       |              | Г      |          |          | :::       |       | 101        |  |              |                 |          | $\Box$   |          | $\Box$          |   |               |
|            | 2        |          |  |                 |          |                 |                         | $\Box$          |          |           |      |             | 52        |                   |         |        |          |         |              |        | ļ        |          |           |       | 102        | _  | Ш            |                 |          |          | _        | $\perp$         |   |               |
|            | 3        |          |  |                 |          |                 |                         | $\Box$          |          |           |      |             | 53        | Ц                 |         | 1      | _ _      | ┸       | 1            | _      |          | Ш        |           |       | 103        | _  | Ш            |                 | _        | _        | _        | _               |   | _             |
|            | 4        | 1        |  |                 |          |                 |                         | _               | _        | _         |      |             | 54        | Ц                 | 1       | 4      | _        | _       | _            | 4_     | _        | Ш        |           |       | 104        | _  |              |                 | _        | _        | _        | 4               |   |               |
|            | 5        | Щ        |  |                 |          |                 |                         | _               | _        | _         |      |             | 55        | Ц                 | 1       | 4      |          | 4       | 4            | $\bot$ | ┺        | Ш        | ::-:<br>: |       | 105        |  | Ш            | _               | _        | _        |          | $\dashv$        | _ | _             |
|            | 6        | Ц        | $oxed{oxed}$                                     | $\dashv$        | _        |                 |                         | $\dashv$        | _        | _         |      |             | 56        | 11                | 1       | 4      | _        | 4       | 4            | 4      | ↓_       | Ш        | #i        |       | 106        |  |              | _               | _        | _        | _        | $\dashv$        | _ | _             |
|            | 7        | Ц        | $\vdash$   | _               |          |                 |                         | _               | _        | _         |      |             | 57        | Ц                 | ╀       | +      | -        | _       | 4-           | +-     | 1        | Ш        |           |       | 107        |  | <u>r</u> _   |                 | _        | _        |          | _               | _ | -             |
|            | 8        | Н        | $\vdash$   |                 |          |                 | $\dashv$                | _               | -        | ᅱ         |      |             | 58        | H                 | +       | +      | -        | - -     | +-           | +-     | ┼        | Н        |           |       | 108        | Y  | _            |                 |          | $\dashv$ |          | $\dashv$        |   | <u>-</u> -    |
|            | 9        | H        | ⊢  | $\dashv$        |          | H               | $\dashv$                | _               | -+       | -         |      |             | 59        | H                 | ╀       | +      | +        | +       | ╬            | ╁      | ┼        | Н        |           |       | 109        | H  | Н            |                 |          | $\dashv$ |          | $\dashv$        |   |               |
|            | 10       | H        | _  |                 |          |                 | $\dashv$                | -               | $\dashv$ | $\dashv$  |      |             | 60        | H                 | +-      | +      |          | +       | +            | +      | ╁        | $\vdash$ |           |       | 110        | H  | Н            |                 | -        | $\dashv$ | -        | $\dashv$        | _ | $\vdash$      |
|            | 11       | H        | -  |                 |          | $\vdash$        | $\dashv$                | $\dashv$        | $\dashv$ | $\dashv$  |      |             | 61        | ₩                 | +       | +      | -        | +-      | +-           | +      | ╁        | $\vdash$ |           |       | 111<br>112 | #  | $\vdash$     | $\vdash$        |          |          | $\vdash$ | $\dashv$        | - | $\vdash$      |
|            | 12       | H-       | $\vdash$   | $\vdash$        | -        | $\vdash$        |                         |                 |          | -         |      |             | 62<br>63  | ╁                 | +       | +      | $\dashv$ | +       | +            | +-     | ╁        | $\vdash$ |           |       | 113        | ╫  | $\vdash$     | $\vdash$        | -        | $\dashv$ | -        | $\dashv$        |   | -             |
|            | 13       | #        | $\vdash$   | $\vdash$        |          |                 | $\vdash$                |                 | $\dashv$ | $\dashv$  |      |             | 64        | ╫                 | +       | +      | +        | +       | +            | +-     | +        | $\vdash$ |           |       | 114        | -  | H            | $\vdash$        |          | $\dashv$ | $\vdash$ | $\dashv$        | - | $\vdash$      |
|            | 15       | #        | -  | $\vdash$        | $\dashv$ | $\vdash \vdash$ | $\vdash$                | $\dashv$        | -+       | $\dashv$  |      |             | 65        | ₩                 | ╁       | +      |          | +       | ╁            | ╁      | ╁╌       | $\vdash$ |           |       | 115        | ╫╴   | $\vdash$     | -               |          | $\dashv$ | $\vdash$ |                 | - | $\vdash$      |
|            | 16       | ╫        | +  |                 | -        | $\vdash$        | Н                       | $\dashv$        | $\dashv$ | $\dashv$  |      |             | 66        | ╫                 | +       | +      | +        | +       | +            | +-     | +        | H        |           |       | 116        | #  | $\vdash$     | $\vdash$        |          | $\dashv$ | -        | _               |   |               |
|            | 17       | ╫╴       | ╁  |                 | _        | Н               |                         | $\dashv$        | +        | ᅥ         |      |             | 67        | #                 | ╁       | +      | +        | +       | +            | +-     | +        | Н        |           |       | 117        | 1  | $\vdash$     |                 |          |          |          | $\vdash$        |   | _             |
|            | 18       | ╫        | +-   |                 |          | Н               | -                       | $\dashv$        | $\dashv$ | 一         |      |             | 68        | Ħ                 | ╁       | +      | _        | +       | +            | 十      | †        | Н        |           |       | 118        | 1  |              |                 |          | $\neg$   |          | $\Box$          |   | Γ             |
|            | 19       | #        | +-   | $\dashv$        | _        |                 | $\dashv$                | $\neg$          | $\dashv$ | _         |      |             | 69        | Ħ                 | ╁       | +      | $\dashv$ | ╅       | ╅            | +-     | +        | Н        | -:-:      |       | 119        | 17   |              | М               |          |          | _        | $\Box$          |   | Г             |
|            | 20       | ╟        | ╁  |                 |          |                 | $\vdash$                | $\neg$          | $\dashv$ | $\neg$    |      |             | 70        | 11                | +       | +      | +        | $\top$  | 十            | +      | 1        |          |           |       | 120        | -  | •            |                 |          |          |          |                 |   | $\overline{}$ |
|            | 21       | -        | <del>                                     </del> | $\neg$          |          |                 |                         |                 |          |           |      |             | 71        | Ħ                 | T       | +      | $\top$   | $\top$  | ╅            | 1      | 1        | H        |           |       | 121        | T  |              | Ħ               |          |          |          | $\Box$          |   | Γ             |
|            | 22       | 1        |  |                 |          |                 |                         |                 |          |           |      |             | 72        | Π                 | 7       | ✝      |          | 1       |              | 1      |          |          |           |       | 122        |  |              |                 |          |          |          | П               |   | Π             |
|            | 23       |          | 1  |                 |          |                 | П                       | П               |          |           |      |             | 73        | П                 | 1       |        |          | $\top$  |              | T      | Π        | П        |           |       | 123        |  |              |                 |          |          |          | $\square$       |   |               |
|            | 24       |          |  |                 |          |                 |                         |                 |          |           |      |             | 74        | П                 | $\prod$ | $\Box$ |          |         |              |        |          |          |           |       | 124        |  |              |                 |          |          |          |                 |   |               |
|            | 25       |          |  |                 |          |                 |                         |                 |          |           |      |             | 75        | П                 | L       |        |          |         |              |        | <u> </u> |          |           |       | 125        |  | $oxed{oxed}$ |                 |          |          |          |                 |   | L             |
|            | 26       |          | 上  |                 |          |                 |                         |                 | $\perp$  |           |      |             | 76        | A                 | 丄       | ┙      |          |         |              |        |          |          |           |       | 126        | _  |              |                 |          |          |          |                 |   | L             |
|            | 27       |          |  |                 |          |                 |                         | Ш               |          |           |      |             | 77        | L                 | 4_      | 4      | _        | $\bot$  | _            |        | _        | Ш        |           |       | 127        | <u> </u>   | <u> </u>     |                 |          |          |          | Н               |   | L             |
|            | 28       | 1        |  | Ш               |          |                 | Щ                       | $\Box$          | $\dashv$ |           |      |             | 78        | Ļ                 | 1       | 4      | _ .      | 4       | _            | _      | ↓_       | Ш        |           |       | 128        | <u> </u>   | <u> </u>     |                 |          | Щ        |          |                 |   | <u>_</u>      |
|            | 29       | _        | _  |                 |          |                 | Ш                       | $\perp$         | _        |           |      |             | 79        | ╀                 | $\bot$  | 4      | 4        | 4       | 4-           | _      | ╄-       | L.       | • • • • • |       | 129        | <u> </u>   |              |                 |          |          | _        | $\vdash$        |   | L             |
|            | 30       | _        | ـ  |                 |          |                 | Н                       | Н               | -        | _         |      |             | 80        | ╀                 | +       | +      | +        | +       | +            | +      | ┼        | $\vdash$ |           |       | 130        | ├  | ┡            | $\vdash$        |          |          | Ш        | $\dashv$        |   | $\vdash$      |
|            | 31       | $\vdash$ | ╀-   |                 |          | $\vdash$        | $\vdash \vdash$         | $\vdash \vdash$ | $\dashv$ | _         |      |             | 81        | ╀                 | +       | +      | +        | +       | +            | +      | ╁        | $\vdash$ |           |       | 131        | -  | $\vdash$     | $\vdash\vdash$  | -        |          | $\vdash$ | $\dashv$        | _ | $\vdash$      |
|            | 32       | $\vdash$ | $\vdash$   | $\vdash\vdash$  | _        | H               | $\vdash \vdash$         | $\vdash$        | $\dashv$ |           |      |             | 82<br>83  | łΥ                | +       | +      | +        | +       | +            | +      | ╁╾       | $\vdash$ |           |       | 132<br>133 | $\vdash$   | $\vdash$     |                 |          | $\dashv$ | Н        | $\dashv$        | _ | $\vdash$      |
|            | 34       | $\vdash$ | ╀╌   | $\vdash$        |          | Н               | $\vdash\dashv$          | $\dashv$        | -        | $\dashv$  |      |             | 84        | ╢                 | +-      | ╁      | +        | - -     | +-           | +      | +        | $\vdash$ |           |       | 134        | $\vdash$   | $\vdash$     | $\vdash \vdash$ | -        | -        | Н        | $\dashv$        |   | $\vdash$      |
|            | 35       | $\vdash$ | +  | $\vdash \vdash$ |          | $\vdash$        | $\vdash \vdash$         | $\dashv$        | +        |           |      |             | 85        | H                 | +       | ╅      | +        | 十       | +            | +      | +-       | Н        |           |       | 135        | <del>                                     </del> | $\vdash$     | $\vdash$        | $\vdash$ | $\dashv$ |          | $\dashv$        |   | $\vdash$      |
|            | 36       | -        | $\vdash$   | $\vdash$        | -        | $\vdash$        | $\vdash$                | $\vdash \vdash$ | $\dashv$ | $\dashv$  |      |             | 86        | H                 | +       | +      | +        | +       | +            | +      | $\vdash$ | $\vdash$ |           |       | 136        | <del>                                     </del> | T            | $\vdash \vdash$ | =        | $\dashv$ | $\vdash$ | _               | _ | Г             |
|            | 37       | $\vdash$ | +  |                 | _        | H               | H                       | $\vdash$        | $\dashv$ | ᅱ         |      |             | 87        | $\dagger \dagger$ | +       | +      | $\dashv$ | +       | +            | +      | $\vdash$ | $\vdash$ | ::-!      |       | 137        |  | $\vdash$     | $\vdash \vdash$ | Н        | $\dashv$ | 1        | $\neg \uparrow$ | _ | Н             |
|            | 38       | J        | 1  | $\vdash$        |          | Н               | Н                       | $\vdash$        | $\dashv$ | $\dashv$  |      |             | 88        | Ħ                 | t       | +      | +        | +       | +            | +      | T        | T        |           |       | 138        | $\vdash$   | m            | $\vdash$        |          | -        |          | $\neg$          |   | _             |
|            | 39       | Ť        | T  | $\Box$          |          |                 | $\Box$                  | $\vdash$        | $\dashv$ | $\exists$ | :.:. |             | 89        | H                 | T       | ╅      | $\dashv$ | +       | 7            | +      | 1        | П        | d di      |       | 139        | Т  | П            |                 |          |          |          | $\sqcap$        |   | Γ             |
|            | 40       | H        |  | П               |          |                 | $\Box$                  |                 | $\Box$   | $\exists$ | :    |             | 90        | $\dagger \dagger$ | 1       | $\top$ | $\neg$   | _ _     | 7            | T      |          |          |           |       | 140        |  |              |                 |          |          |          |                 |   |               |
|            | 41       | $\sqcap$ | 1  | П               |          |                 |                         |                 |          |           |      |             | 91        |                   | 1       | _      | _        | ⋾       |              | $I^-$  |          |          |           |       | 141        |  |              |                 |          |          |          |                 |   |               |
|            | 42       |          |  |                 |          |                 |                         |                 |          |           |      |             | 92        | T                 | די      | $\top$ |          | I       | $\mathbf{I}$ |        |          |          |           |       | 142        |  |              | $\square$       |          |          |          |                 |   |               |
|            | 43       |          |  |                 |          |                 |                         |                 |          |           |      |             | 93        |                   | I       |        |          | $\perp$ |              |        |          |          |           |       | 143        | 匚  |              |                 |          |          |          | $\Box$          |   | Ĺ             |
|            | 44       | $\Box$   |  |                 |          |                 |                         |                 |          |           |      |             | 94        |                   | I       | I      |          |         |              |        |          |          |           |       | 144        |  |              |                 |          |          |          | $\Box$          |   | _             |
|            | 45       | Ц        |  |                 | 7        |                 |                         |                 |          |           |      |             | 95        | 1                 | 1       | 1      |          | 1       | 1            |        |          |          |           |       | 145        |  |              | 1 1             | 1-19     |          |          | $\dashv$        |   |               |
|            | 46       | Н        | _  | $\square$       |          | $\vdash$        | $\square$               | $\sqcup$        | $\dashv$ | _[        |      |             | 96        | 1                 | +       | 4      | $\perp$  | +       | 4            | 4_     | ↓_       | $\vdash$ |           |       | 146        | -  | <b>!</b>     |                 |          |          |          | $\dashv$        |   | <u></u>       |
|            | 47       | 4        | +  | Ш               |          | L               | $\mid \rightarrow \mid$ | $\sqcup$        | $\sqcup$ | 4         |      |             | 97        | $\vdash$          | +       | +      | -        | +       | +            | +      | -        | Н        |           | L     | 147        | -  | $\vdash$     | Ш               |          | Н        | -        | $\dashv$        |   | $\vdash$      |
|            | 48       | H        | ┼  | $\vdash$        |          | <b>!</b>        | $\vdash \vdash$         | $\vdash\vdash$  | $\dashv$ |           |      |             | 98        | ╀                 | +       | +      | +        | +       | ╁            | +      | ╁        | $\vdash$ |           | ļ     | 148<br>149 | ╁  | $\vdash$     |                 |          | -        |          | $\dashv$        |   | $\vdash$      |
|            | 49<br>50 | 9        | 4—   | $\vdash\vdash$  |          |                 |                         | $\vdash$        | $\dashv$ | $\dashv$  |      | ļ. <u>-</u> | 99<br>100 | ╀                 | +       | +      | +        | +       | +            | +      | ╀        | ╁        |           |       | 150        | $\vdash$   | $\vdash$     | $\vdash$        | -        |          |          | $\dashv$        | _ | $\vdash$      |